

## ABSTRACT OF THE DISCLOSURE

In a sensor device and a sensing method capable of simultaneously extracting plural pieces of information including information about the presence/absence, distribution, and so on, of targets, in case of measuring changes in nature of a detecting portion (11) upon coupling with targets (a and b), information about changes in quantities of the targets (a and b) with time is extracted in addition to information about the presence/absence, distribution, and so on, of the targets (a and b) from geometrical structures of the detecting portion (11), such as locations and/or shapes of bonding sites (A and B) for selectively coupling with the targets (a and b), respectively.